PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Shen-ge WANG et al.

Application No.: 09/683,540

Filed: January 16, 2002   Docket No.: 107376

For: WATERMARKED IMAGE GENERATOR AND METHOD OF EMBEDDING
      WATERMARKS INTO AN INPUT IMAGE

PRELIMINARY AMENDMENT

Director of the U.S. Patent and Trademark Office
Washington, D. C. 20231

Sir:

Prior to initial examination, and in response to the February 4 dated Notice to File

Corrected Application Papers, please amend the above-identified application as follows:

IN THE SPECIFICATION:

Please delete paragraphs **[0029]** through **[0031]**, **[0088]** and **[0090]**.

Please replace paragraphs **[0032]**, **[0089]**, **[0092]** and **[0097]** as follows:

[0032]   Fig. 17 is a flow chart illustrating the embedding of binary segmentation

values into an input image using the second embodiment of the method for embedding a

watermark into an image according to this invention.

[0089] The third embodiment of the watermark embedding method according to this

invention is coded in C and tested. All test images are halftoned and printed at 600 dots per

inch (dpi), then scanned at 600 dpi. Each 2x2 block of pixels is manually classified into three

classes: pictorial regions, text and graphics on solid background, and text and graphics on

halftone background. The black regions indicate pictures, the gray regions indicate text on